

ABSTRACT OF THE DISCLOSURE

A combination model train sensor and signal includes a train proximity sensor, a signal such as red yellow and green signal lights, semaphores, wig-wag signals and the like together with a controller connected to the proximity sensor and the signal and the controller activates the signal appropriately when the proximity sensor indicates the absence of a train, and when the train proximity sensor indicates the presence of a train. A light source, preferably an infrared light source, and a light detector, preferably an infrared light detector, are arranged to reflect and detect from a passing train to indicate its presence. An output connected to the train proximity sensor for producing an output signal when the sensor indicates the presence of a train, which output can be used for controlling a remote signal. An input, responsive to a signal received from a remote sensor, controls the signal and synchronizes two signals.